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WAR FOOD ADMINISTRATION  
Office of Distribution  
Washington 25, D.C.

Supply and Distribution of Upland Cotton

For Administrative Use Only

April 13, 1944

The attached tables show preliminary estimates of the supply and distribution of upland cotton for the 1943-44 season and final estimates by seasons 1937-38 through 1942-43. These tables were prepared by the Cotton and Fiber Branch for Administrative use only.

The table for 1943-44 consists of the final estimates of the carry-over on August 1, 1943 and preliminary estimates for the 1943 crop. Disappearance figures for 1943-44 are forecasts which take into account (1) available supplies of various grades and staples; (2) the current rate of mill consumption along with mill capacity, probable labor supply, textile price ceilings, and mill margins; (3) military, lend-lease, and civilian requirements for cotton textiles, in-so-far as information is available; (4) probable exports of cotton under lend-lease and exports to such countries as Canada and Spain. These forecasts are not based on any precise statistical measurements, but rather represent an attempt to provide an appraisal of the cotton quality situation. It is assumed that the war will continue with both Germany and Japan throughout the 1943-44 season. The 1944 carry-over is computed by subtracting the 1943-44 forecast of disappearance from the supply for that season. No allowance is made for cotton destroyed or for the "city crop" which are partially compensating.

Total disappearance figures are computed for the seasons 1937-38 through 1942-43 by subtracting stocks at the end of the season from the season's total supply (carry-over plus production). Quality estimates for exports are not available for the period 1937-40. Estimates of the quality of exports are based on the classification of cotton shipped under lend-lease for the 1941-42 and 1942-43 seasons. In these two seasons domestic consumption, including cotton destroyed, was computed by subtracting exports from total disappearance.

All figures are in running bales. Bureau of the Census reports are the source of total carry-over and production figures except for the indicated carry-over as of August 1, 1944.

Grade Designations

"Equivalent grade"	: Extra : : White :	: White :	: Spotted :	: Tinged :	: Yellow : : Stained :	: Gray
		M.F.				
	G.M.	S.G.M.	G.M.	-	-	-
"S.M. & higher"	S.M.	G.M.				
		S.M.				
"Middling"	M.	M.	S.M.	G.M.	-	G.M.
"S.L.M."	S.L.M.	S.L.M.	M.	S.M.	G.M.	S.M.
	L.M.	L.M.	S.L.M.	M.	S.M.	M.
	S.G.O.	S.G.O.	L.M.	S.L.M.	M.	B.G.
"L.M. & lower"	G.O.	G.O.	B.G.	L.M.	B.G.	
	B.G.	B.G.		B.G.		

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Table 1. Supply and distribution of cotton, United States 1943-44  
(Estimates for administrative use)  
(Subject to revision)

Grade and Staple Length	Supply			Distribution 1/			: Carry-	
	: Carry-	: :	: :	: Disappearance	: :	: :	: Carry-	: over
	: over	: Produc-	: Total	: Dom-	: Exports:	: Total	: over	: pct.
	: 1943	: tion 2/	: :	: estic	: :	: :	: 1944	: Dis.
	: 1,000	1,000	1,000	1,000	1,000	1,000	1,000	
	: bales	bales	bales	bales	bales	bales	bales	Percent
S.M. & higher	:	:	:	:	:	:	:	:
29/32" & shorter	: 93	225	318	111	73	184	134	73
15/16" - 1"	: 161	621	782	408	115	523	259	50
1-1/32" - 1-3/32"	: 372	648	1,020	532	55	587	433	74
1-1/8" & longer	: 183	139	322	146	3	149	173	116
Total	: 809	1,633	2,442	1,197	246	1,443	999	69
Middling	:	:	:	:	:	:	:	:
29/32" & shorter	: 937	862	1,799	499	245	744	1,055	142
15/16" - 1"	: 841	1,608	2,449	1,394	230	1,624	825	51
1-1/32" - 1-3/32"	: 1,073	1,312	2,385	1,252	283	1,535	850	55
1-1/8" & longer	: 307	201	508	272	13	285	223	78
Total	: 3,158	3,983	7,141	3,417	771	4,188	2,953	71
S.L.M.	:	:	:	:	:	:	:	:
29/32" & shorter	: 1,588	703	2,291	698	42	740	1,551	210
15/16" - 1"	: 1,058	1,889	2,947	1,800	140	1,940	1,007	52
1-1/32" - 1-3/32"	: 862	1,332	2,194	1,340	49	1,389	805	58
1-1/8" & longer	: 199	135	334	125	10	135	199	147
Total	: 3,707	4,059	7,766	3,963	241	4,204	3,562	85
L.M. & lower	:	:	:	:	:	:	:	:
29/32" & shorter	: 1,168	325	1,493	450	-	450	1,043	232
15/16" - 1"	: 1,192	732	1,924	661	32	693	1,231	178
1-1/32" - 1-3/32"	: 450	307	757	287	10	297	460	155
1-1/8" & longer	: 46	22	68	25	-	25	43	172
Total	: 2,856	1,386	4,242	1,423	42	1,465	2,777	190
All grades	:	:	:	:	:	:	:	:
29/32" & shorter	: 3,786	2,115	5,901	1,758	360	2,118	3,783	179
15/16" - 1"	: 3,252	4,850	8,102	4,263	517	4,780	3,322	69
1-1/32" - 1-3/32"	: 2,757	3,599	6,356	3,411	397	3,808	2,548	67
1-1/8" & longer	: 735	497	1,232	568	26	594	638	107
Total	: 10,530	11,061	21,591	10,000	1,300	11,300	10,291	91

1/ Forecasts.

2/ Preliminary estimates.

War Food Administration, Office of Distribution, Cotton and Fiber Branch.

April 1944



Table 3. Supply and distribution of cotton, United States, 1941-42

Grade and staple length	Supply			Distribution			: Carry-	
	: Carry-:	: :	: :	: Disappearance	: :	: :	: Carry-:	: over
	: over :	: Produc-:	: Total :	: Dom- :	: Exports :	: Total :	: over :	: pct.
	: 1941 :	: tion :		: estic :			: 1942 :	: Dis.
	: 1,000	1,000	1,000	1,000	1,000	1,000	1,000	
	: bales	bales	bales	bales	bales	bales	bales	Percent
M.M. & higher:								
29/32" & shorter	: 287	50	337	155	18	173	164	95
15/16" - 1"	: 547	268	815	473	58	531	284	53
1-1/32" - 1-3/32"	: 760	406	1,166	612	99	711	455	64
1-1/8" & longer	: 256	105	361	177	4	181	180	99
Total	: 1,850	829	2,679	1,417	179	1,596	1,083	68
Middling:								
29/32" & shorter	: 1,521	231	1,752	509	102	611	1,141	187
15/16" - 1"	: 1,905	1,565	3,470	2,108	309	2,417	1,053	44
1-1/32" - 1-3/32"	: 1,194	1,746	2,940	1,947	130	2,077	863	42
1-1/8" & longer	: 317	326	643	346	7	353	290	82
Total	: 4,937	3,868	8,805	4,910	548	5,458	3,347	61
3.L.M.:								
29/32" & shorter	: 1,395	464	1,859	374	48	422	1,437	341
15/16" - 1"	: 1,762	1,368	3,130	1,604	180	1,784	1,346	75
1-1/32" - 1-3/32"	: 657	1,475	2,132	1,286	87	1,373	759	55
1-1/8" & longer	: 129	252	381	239	5	244	137	56
Total	: 3,943	3,559	7,502	3,503	320	3,823	3,679	96
L.M. & lower:								
29/32" & shorter	: 357	920	1,277	392	-	392	885	226
15/16" - 1"	: 653	855	1,508	420	-	420	1,088	259
1-1/32" - 1-3/32"	: 244	371	615	257	-	257	358	139
1-1/8" & longer	: 27	31	58	23	-	23	35	152
Total	: 1,281	2,177	3,458	1,092	-	1,092	2,366	217
All Grades:								
29/32" & shorter	: 3,560	1,665	5,225	1,430	168	1,598	3,627	227
15/16" - 1"	: 4,867	4,056	8,923	4,605	547	5,152	3,771	73
1-1/32" - 1-3/32"	: 2,855	3,998	6,853	4,102	316	4,418	2,435	55
1-1/8" & longer	: 729	714	1,443	785	16	801	642	80
Total	: 12,011	10,433	22,444	10,922	1,047	11,969	10,475	88

War Food Administration, Office of Distribution, Cotton and Fiber Branch.  
April, 1944

Table 2. Supply and distribution of cotton, United States 1942-43

Grade and Staple Length	Supply			Distribution			Carry-	
	Carry-	Produc-	Total	Disappearance	Carry-	over	over	
	1942	tion		Domestic	Exports	Total	1943	pct. Dis.
	bales	bales	bales	bales	bales	bales	bales	Percent
S.M. & higher								
29/32" & shorter	164	97	261	88	80	168	93	55
15/16" - 1"	284	216	500	212	127	339	161	47
1-1/32" - 1-3/32"	455	497	952	519	61	580	372	64
1-1/8" & longer	180	123	303	116	4	120	183	153
Total	1,083	933	2,016	935	272	1,207	809	67
Middling								
29/32" & shorter	1,141	596	1,737	530	270	800	937	117
15/16" - 1"	1,053	1,788	2,841	1,746	254	2,000	841	42
1-1/32" - 1-3/32"	863	2,118	2,981	1,596	312	1,908	1,073	56
1-1/8" & longer	290	371	661	340	14	354	307	87
Total	3,347	4,873	8,220	4,212	850	5,062	3,158	62
S.L.M.								
29/32" & shorter	1,437	790	2,227	592	47	639	1,588	249
15/16" - 1"	1,346	1,774	3,120	1,908	154	2,062	1,058	51
1-1/32" - 1-3/32"	759	1,720	2,479	1,563	54	1,617	862	53
1-1/8" & longer	137	208	345	135	11	146	199	136
Total	3,679	4,492	8,171	4,198	266	4,464	3,707	83
L.M. & lower								
29/32" & shorter	885	716	1,601	433	-	433	1,168	270
15/16" - 1"	1,088	876	1,964	737	35	772	1,192	154
1-1/32" - 1-3/32"	358	446	804	342	12	354	450	127
1-1/8" & longer	35	27	62	16	-	16	46	288
Total	2,366	2,065	4,431	1,528	47	1,575	2,856	181
All grades								
29/32" & shorter	3,627	2,199	5,826	1,643	397	2,040	3,786	186
15/16" - 1"	3,771	4,654	8,425	4,603	570	5,173	3,252	63
1-1/32" - 1-3/32"	2,435	4,781	7,216	4,020	439	4,459	2,757	62
1-1/8" & longer	642	729	1,371	607	29	636	735	116
Total	10,475	12,363	22,838	10,873	1,435	12,308	10,530	86

Table 5. Supply and distribution of cotton, United States 1939-40

Grade and staple length	Supply			Distribution		Carry- over Pct. Dis.
	Carry-	Produc-	Total	Dis-	Carry-	
	over	tion		appear-	over	
	Aug. 1, 1939			ance	Aug. 1, 1940	
	1,000	1,000	1,000	1,000	1,000	
	bales	bales	bales	bales	bales	Percent
S.M. & higher:						
29/32" & shorter	572	616	1,188	867	321	37
15/16" - 1"	758	631	1,389	904	485	54
1-1/32" - 1-3/32"	644	748	1,392	775	617	80
1-1/8" & longer	272	152	424	198	226	114
Total	2,246	2,147	4,393	2,744	1,649	60
Middling:						
29/32" & shorter	1,846	1,271	3,117	1,640	1,477	90
15/16" - 1"	1,999	1,664	3,663	2,223	1,440	65
1-1/32" - 1-3/32"	1,126	1,405	2,531	1,565	966	62
1-1/8" & longer	291	235	526	223	303	136
Total	5,262	4,575	9,837	5,651	4,186	74
S.L.M.:						
29/32" & shorter	1,653	842	2,495	1,088	1,407	129
15/16" - 1"	1,492	1,938	3,430	1,909	1,521	30
1-1/32" - 1-3/32"	616	942	1,558	1,049	509	49
1-1/8" & longer	162	125	287	164	123	75
Total	3,923	3,847	7,770	4,210	3,560	85
L.M. & lower:						
29/32" & shorter	656	294	950	548	402	73
15/16" - 1"	562	383	945	468	477	102
1-1/32" - 1-3/32"	249	182	431	270	161	60
1-1/8" & longer	45	24	69	51	18	35
Total	1,512	883	2,395	1,337	1,058	79
All grades:						
29/32" & shorter	4,727	3,023	7,750	4,143	3,607	87
15/16" - 1"	4,811	4,616	9,427	5,504	3,923	71
1-1/32" - 1-3/32"	2,635	3,277	5,912	3,659	2,253	62
1-1/8" & longer	770	536	1,306	636	670	105
Total	12,943	11,452	24,395	13,942	10,453	75

War Food Administration, Office of Distribution, Cotton and Fiber Branch.  
April 1944



Table 4. Supply and distribution of cotton, United States, 1940-41

Grade and staple length	Supply			Distribution		Carry- over pct. Dis.
	Carry-	Produc-	Total	Dis-	Carry-	
	over	tion		appear-	over	
	Aug. 1, 1940			ance	Aug. 1, 1941	
	1,000	1,000	1,000	1,000	1,000	
	bales	bales	bales	bales	bales	Percent
S.M. & higher:						
29/32" & shorter	321	180	501	214	287	134
15/16" - 1"	485	515	1,000	453	547	121
1-1/32" - 1-3/32"	617	748	1,365	605	760	126
1-1/8" & longer	226	116	342	86	256	298
Total	1,649	1,559	3,208	1,358	1,850	136
Middling:						
29/32" & shorter	1,477	769	2,246	726	1,520	209
15/16" - 1"	1,440	2,480	3,920	2,014	1,906	95
1-1/32" - 1-3/32"	966	2,030	2,996	1,803	1,193	66
1-1/8" & longer	303	326	629	311	318	102
Total	4,186	5,605	9,791	4,854	4,937	102
S.L.M.:						
29/32" & shorter	1,407	469	1,876	480	1,396	291
15/16" - 1"	1,521	1,631	3,152	1,391	1,761	127
1-1/32" - 1-3/32"	509	1,411	1,920	1,263	657	52
1-1/8" & longer	123	180	303	174	129	74
Total	3,560	3,691	7,251	3,308	3,943	119
L.M. & lower:						
29/32" & shorter	402	507	909	552	357	65
15/16" - 1"	477	596	1,073	419	654	156
1-1/32" - 1-3/32"	161	278	439	196	243	124
1-1/8" & longer	18	25	43	16	27	169
Total	1,058	1,406	2,464	1,183	1,281	108
All Grades:						
29/32" & shorter	3,607	1,925	5,532	1,972	3,560	181
15/16" - 1"	3,923	5,222	9,145	4,277	4,868	114
1-1/32" - 1-3/32"	2,253	4,467	6,720	3,867	2,853	74
1-1/8" & longer	670	647	1,317	587	730	124
Total	10,453	12,261	22,714	10,703	12,011	112

War Food Administration, Office of Distribution, Cotton and Fiber Branch.

April, 1944



Table 7. Supply and distribution of cotton, United States, 1937-38

Grade and staple length	Supply			Distribution		Carry- over pct. Dis.
	Carry-	Produc-	Total	Dis-	Carry-	
	over	tion		appear-	over	
	Aug. 1, 1937	Aug. 1, 1938		ance	Aug. 1, 1938	
	bales	bales	bales	bales	bales	Percent
S.M. & higher:						
29/32" & shorter	286	952	1,238	728	510	70
15/16" - 1"	200	1,134	1,334	859	475	55
1-1/32" - 1-3/32"	151	782	933	588	345	59
1-1/8" & longer	163	425	593	443	150	34
Total	805	3,293	4,098	2,618	1,480	57
Middling:						
29/32" & shorter	799	2,647	3,446	1,572	1,874	119
15/16" - 1"	484	2,622	3,106	1,708	1,398	82
1-1/32" - 1-3/32"	225	927	1,152	492	660	134
1-1/8" & longer	125	263	388	212	176	83
Total	1,633	6,459	8,092	3,984	4,108	103
S.L.M.:						
29/32" & shorter	626	2,128	2,754	1,055	1,699	161
15/16" - 1"	345	2,265	2,610	1,309	1,301	99
1-1/32" - 1-3/32"	114	801	915	426	489	115
1-1/8" & longer	71	198	269	151	118	78
Total	1,156	5,392	6,548	2,941	3,607	123
L.M. & lower:						
29/32" & shorter	496	1,342	1,838	853	985	115
15/16" - 1"	223	1,263	1,486	653	833	128
1-1/32" - 1-3/32"	56	426	482	117	365	312
1-1/8" & longer	13	62	75	17	58	341
Total	788	3,093	3,881	1,640	2,241	137
All Grades:						
29/32" & shorter	2,207	7,069	9,276	4,208	5,068	120
15/16" - 1"	1,252	7,284	8,536	4,529	4,007	88
1-1/32" - 1-3/32"	546	2,936	3,482	1,623	1,859	115
1-1/8" & longer	377	948	1,325	823	502	61
Total	4,382	18,237	22,619	11,183	11,436	102

War Food Administration, Office of Distribution, Cotton and Fiber Branch.

April, 1944

Table 6. Supply and distribution of cotton, United States, 1938-39

Grade and staple length	Supply			Distribution		Carry- over pct. Dis.
	Carry-	Produc-	Total	Dis-	Carry-	
	over	tion		appear-	over	
	Aug. 1, 1938			ance	Aug. 1, 1939	
	1,000	1,000	1,000	1,000	1,000	
	<u>bales</u>	<u>bales</u>	<u>bales</u>	<u>bales</u>	<u>bales</u>	<u>Percent</u>
S.M. & higher:						
29/32" & shorter	510	521	1,031	459	572	125
15/16" - 1"	475	1,054	1,529	771	758	98
1-1/32" - 1-3/32"	345	770	1,115	471	644	137
1-1/8" & longer	150	381	531	260	271	105
Total	1,480	2,726	4,206	1,961	2,245	115
Middling:						
29/32" & shorter	1,874	1,258	3,132	1,286	1,846	144
15/16" - 1"	1,398	2,225	3,623	1,624	1,999	123
1-1/32" - 1-3/32"	660	1,349	2,009	883	1,126	128
1-1/8" & longer	176	312	488	197	291	148
Total	4,108	5,144	9,252	3,990	5,262	132
S.L.M.:						
29/32" & shorter	1,699	580	2,279	626	1,653	26
15/16" - 1"	1,301	1,336	2,637	1,145	1,492	130
1-1/32" - 1-3/32"	489	1,002	1,491	875	616	70
1-1/8" & longer	118	233	351	189	162	85
Total	3,607	3,151	6,758	2,835	3,923	138
L.M. & lower:						
29/32" & shorter	985	157	1,142	486	656	135
15/16" - 1"	833	208	1,041	479	562	117
1-1/32" - 1-3/32"	365	168	533	285	248	87
1-1/8" & longer	58	44	102	56	46	80
Total	2,241	577	2,818	1,306	1,512	116
All Grades:						
29/32" & shorter	5,068	2,516	7,584	2,857	4,727	165
15/16" - 1"	4,007	4,823	8,830	4,019	4,811	120
1-1/32" - 1-3/32"	1,859	3,289	5,148	2,514	2,634	105
1-1/8" & longer	502	970	1,472	702	770	110
Total	11,436	11,598	23,034	10,092	12,942	128

War Food Administration, Office of Distribution, Cotton and Fiber Branch.

April, 1944